

Crest Memorial School Curriculum and Pacing Guide

All activities correspond with marking period essential questions. Activity goes with question as do the the corresponding standards, modifications, accommodations, assessments and 21st century learning skills.

Grade: Third

Subject: Technology

Adoption Date: 4/01/14

Revision Date: November 2018

	MP1	MP2	MP3	MP4
Scope and Sequence	<p>1.How can I better understand how to use word processing to improve writing? (3 weeks)</p> <p>2.How can I apply home row understanding to improve typing? (3 weeks)</p> <p>3. How can I understand the value of an engineering program?</p>	<p>1.How can I apply engineering skills to illustrate a social studies fact? (3 weeks)</p> <p>2. How can I analyze an algorithm? (7 weeks)</p> <p>3. How can I evaluate the steps to a problem? (7 weeks)</p> <p>4. How can I create a computer program? (7 weeks)</p>	<p>1. How can I apply strategies to research information on Ben Franklin? (4 weeks)</p> <p>2. How can I create a visual presentation? (3 weeks)</p> <p>3. How can I create a tour of places important to Ben Franklin? (3 weeks)</p>	<p>1. How can I apply strategies to research information? (3 weeks)</p> <p>2. How can I create a graphically appealing publication? (4 weeks)</p> <p>3. How can I apply home row understanding to improve typing? (2 weeks)</p>
Instructional Materials	<p>Google Drive</p> <p>Computer Shortcuts Handout</p> <p>Type to Learn 4</p> <p>Tinkercad</p>	<p>Tinkercad</p> <p>3D Printer</p> <p>Code.org Course D</p>	<p>DiscoveryEd video on Ben Franklin, graphic organizer</p> <p>Google Slides</p> <p>Google Earth</p>	<p>Graphic organizer</p> <p>Websites about fireflies</p> <p>Google Drawing</p> <p>Type to Learn 4</p>
Activities	<p>One: Create documents and change formats, use shortcut keys.</p> <p>Two: Independent typing practice.</p> <p>Three: Explore Tinkercad.</p>	<p>One: Use engineering program and 3D printer to create replicas of Native American homes.</p> <p>Two: Write algorithms to solve a puzzle in Code.org.</p> <p>Three: Find and fix errors in code.</p> <p>Four: Use loops and nested loops to complete puzzles in Code.org.</p>	<p>One: Use graphic organizer to record information about Ben Franklin via videos and internet sites.</p> <p>Two: Create a Slideshow about Franklin's life.</p> <p>Three: Use Google Earth to find and placemark sites of interest and create tour.</p>	<p>One: Research information about fireflies.</p> <p>Two: Create a newsletter about fireflies.</p> <p>Three: Independent typing practice.</p>

Standards	<p>Activity One: 8.1.5.A.1., 8.1.5.A.2</p> <p>Activity Two: 8.1.5.A.1., 8.1.5.A.2</p> <p>Activity Three: 8.2.5.C.1-6</p>	<p>Activity One: 8.2.5.C.1-6</p> <p>Activity Two: 8.1.2.5.E.1-4</p> <p>Activity Three: 8.1.2.5.E.1-4</p> <p>Activity Four: 8.1.2.5.E.1-4</p>	<p>Activity One: 8.1.5.A.1, 8.1.5.D.4, 8.1.5.F.1</p> <p>Activity Two: 8.1.5.A.1-3</p> <p>Activity Three: 8.1.5.F.1, 8.1.5.A.1-1</p>	<p>Activity One: 8.1.5.D.2, 8.1.5.A.3</p> <p>Activity Two: 8.1.5.E.1, 8.1.5.F.1</p> <p>Activity Three: 8.1.5.A.1., 8.1.5.A.2</p>
Accommodations and Modifications	<p>Special Education: Simplify task directions, provide oral and written directions, small group instruction, use of graphic organizers.</p> <p>English language learners: Assign a buddy, use of visual aids, group projects, use of translation dictionaries.</p> <p>At Risk of School Failure: Adjust time for completion, chunk assignments, consistent use of behavior management techniques.</p> <p>Students with 504 plans: Reduced amount of work, visually or hearing impaired seated close to Smartboard.</p> <p>Gifted and Talented Students: Provide independent learning activities, mentor/teach other students.</p>	<p>Special Education: Simplify task directions, provide oral and written directions, small group instruction, use of graphic organizers.</p> <p>English language learners: Assign a buddy, use of visual aids, group projects, use of translation dictionaries.</p> <p>At Risk of School Failure: Adjust time for completion, chunk assignments, consistent use of behavior management techniques.</p> <p>Students with 504 plans: Reduced amount of work, visually or hearing impaired seated close to Smartboard.</p> <p>Gifted and Talented Students: Provide independent learning activities, mentor/teach other students.</p>	<p>Special Education: Simplify task directions, provide oral and written directions, small group instruction, use of graphic organizers.</p> <p>English language learners: Assign a buddy, use of visual aids, group projects, use of translation dictionaries.</p> <p>At Risk of School Failure: Adjust time for completion, chunk assignments, consistent use of behavior management techniques.</p> <p>Students with 504 plans: Reduced amount of work, visually or hearing impaired seated close to Smartboard.</p> <p>Gifted and Talented Students: Provide independent learning activities, mentor/teach other students.</p>	<p>Special Education: Simplify task directions, provide oral and written directions, small group instruction, use of graphic organizers.</p> <p>English language learners: Assign a buddy, use of visual aids, group projects, use of translation dictionaries.</p> <p>At Risk of School Failure: Adjust time for completion, chunk assignments, consistent use of behavior management techniques.</p> <p>Students with 504 plans: Reduced amount of work, visually or hearing impaired seated close to Smartboard.</p> <p>Gifted and Talented Students: Provide independent learning activities, mentor/teach other students.</p>
Interdisciplinary Connections	Language Arts, Social Studies	Science	Social Studies, Language Arts	Science, Language Arts
Assessments	<p>Formative assessments Questioning, analysis of student work.</p> <p>Summative assessments Type to Learn progress Skill checklist</p>	<p>Formative assessments: Questioning, student work, exit tickets.</p> <p>Summative assessments: Code.org Progress, Quiz</p>	<p>Formative assessments: Questioning, student work, exit tickets.</p> <p>Summative assessments: Slideshow Rubric Tour Rubric</p>	<p>Formative assessments: Questioning, student work, exit tickets.</p> <p>Summative assessments: Project rubric, Type to Learn progress</p>
21st Century Themes and Skills	<p>All Activities: CRP.K-12.CRP1 CRP.K-12.CRP2 CRP.K-12.CRP4 CRP.K-12.CRP6 CRP.K-12.CRP7 CRP.K-12.CRP8 CRP.K-12.CRP9</p>	<p>All Activities: CRP.K-12.CRP1 CRP.K-12.CRP2 CRP.K-12.CRP4 CRP.K-12.CRP6 CRP.K-12.CRP8 CRP.K-12.CRP9 CRP.K-12.CRP11</p>	<p>All Activities: CRP.K-12.CRP1 CRP.K-12.CRP2 CRP.K-12.CRP4 CRP.K-12.CRP6 CRP.K-12.CRP7 CRP.K-12.CRP8 CRP.K-12.CRP9</p>	<p>All Activities: CRP.K-12.CRP1 CRP.K-12.CRP2 CRP.K-12.CRP4 CRP.K-12.CRP6 CRP.K-12.CRP7 CRP.K-12.CRP8 CRP.K-12.CRP9</p>

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